

Supplemental Digital Content. Experimental tasks and weights (for calculating a task performance score).

Patient Event	Required Tasks	Weights
Patient off the monitor (leads off)	Call HUC	5
	Make phone call within 3 minutes	4
	State correct problem	4
	Print a blank rhythm strip	1
	Document the patient's number, the current time, the HUC's name, and the patient location	1
Patient returns (leads back on)	Print a rhythm strip	1
	Document the patient's number, the current time, and that the patient is back on the monitor	1
Patient discharged	Print a blank rhythm strip	1
	Document the time of the discharge phone call and the discharge order	1
Tachycardia (a 30-bpm increase from baseline)	Call HUC	5
Bradycardia (< 45 bpm)	Make phone call within 1 minute	4
	Ask to speak to the patient's nurse	3
Converting to a different rhythm, e.g., Afib	State correct problem	4
	Print rhythm strips	1
	Send 1 strip to the patient's nurse	1
	Document the patient's number, the current time, the nurse's name, and the rhythm	1
New/increasing ectopy, including more than 8 PVCs, PACs, or PJC's per minute, first degree heart block, runs of Afib	Call HUC	5
	Ask to speak to the patient's nurse	3
	State correct problem	4
	Print rhythm strips	1
	Send 1 strip to the patient's nurse	1
	Document the patient's number, the current time, the nurse's name, and the rhythm	1
Continuous poor rhythm tracing (artifact or broken signal for more than 1 minute)	Call HUC	5
	Ask to speak to the patient's nurse	3
Return to a normal sinus rhythm	State correct problem	4

	Print a rhythm strip	1
	Document the patient's number, the current time, the nurse's name, and the rhythm	1
Ventricular tachycardia (VT)	Call HUC	5
Ventricular fibrillation (VF)	Make call using 'red' phone	4
Asystole	Stress urgency and gravity of event	5
	State correct problem	4
	Print rhythm strips	1
	Send 1 strip to the patient's nurse	1
	Document the patient's number, the current time, the HUC's name, whether someone was sent to the patient's room, and the rhythm	1
	Call HUC again	5
	Make call using 'red' phone	4
	Make phone call within 1 minute of previous call	4
	Confirm that a nurse/doctor is in the patient's room, and that a code was called	4

HUC, health unit coordinator; bpm, beats per minute; Afib, atrial fibrillation; PVC, premature ventricular contraction; PAC, premature atrial contraction; PJC, premature junctional contraction.